

Iacovos P Michael

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

5,429
citations

201575

27
h-index

233338

45
g-index

48
all docs

48
docs citations

48
times ranked

8658
citing authors

#	ARTICLE	IF	CITATIONS
1	piggyBac transposition reprograms fibroblasts to induced pluripotent stem cells. <i>Nature</i> , 2009, 458, 766-770.	13.7	1,662
2	Combined antiangiogenic and anti-PD-L1 therapy stimulates tumor immunity through HEV formation. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	541
3	MBNL proteins repress ES-cell-specific alternative splicing and reprogramming. <i>Nature</i> , 2013, 498, 241-245.	13.7	326
4	Synaptic proximity enables NMDAR signalling to promote brain metastasis. <i>Nature</i> , 2019, 573, 526-531.	13.7	320
5	Human Tissue Kallikreins: Physiologic Roles and Applications in Cancer. <i>Molecular Cancer Research</i> , 2004, 2, 257-280.	1.5	293
6	Adipose Vascular Endothelial Growth Factor Regulates Metabolic Homeostasis through Angiogenesis. <i>Cell Metabolism</i> , 2013, 17, 61-72.	7.2	252
7	A Potential Role for Multiple Tissue Kallikrein Serine Proteases in Epidermal Desquamation. <i>Journal of Biological Chemistry</i> , 2007, 282, 3640-3652.	1.6	235
8	Induced Pluripotent Stem Cell Lines Derived from Equine Fibroblasts. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 693-702.	5.6	213
9	Biochemical and Enzymatic Characterization of Human Kallikrein 5 (hK5), a Novel Serine Protease Potentially Involved in Cancer Progression. <i>Journal of Biological Chemistry</i> , 2005, 280, 14628-14635.	1.6	137
10	Simple piggyBac transposon-based mammalian cell expression system for inducible protein production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5004-5009.	3.3	128
11	Divergent reprogramming routes lead to alternative stem-cell states. <i>Nature</i> , 2014, 516, 192-197.	13.7	123
12	VEGF regulates local inhibitory complement proteins in the eye and kidney. <i>Journal of Clinical Investigation</i> , 2016, 127, 199-214.	3.9	121
13	Human Tissue Kallikrein 5 Is a Member of a Proteolytic Cascade Pathway Involved in Seminal Clot Liquefaction and Potentially in Prostate Cancer Progression. <i>Journal of Biological Chemistry</i> , 2006, 281, 12743-12750.	1.6	94
14	Expression and Functional Characterization of the Cancer-related Serine Protease, Human Tissue Kallikrein 14. <i>Journal of Biological Chemistry</i> , 2007, 282, 2405-2422.	1.6	91
15	KLK5 Inactivation Reverses Cutaneous Hallmarks of Netherton Syndrome. <i>PLoS Genetics</i> , 2015, 11, e1005389.	1.5	73
16	Vascular targeting of LIGHT normalizes blood vessels in primary brain cancer and induces intratumoural high endothelial venules. <i>Journal of Pathology</i> , 2018, 245, 209-221.	2.1	70
17	Human Tissue Kallikreins: From Gene Structure to Function and Clinical Applications. <i>Advances in Clinical Chemistry</i> , 2005, 39, 11-79.	1.8	58
18	Intron Retention: A Common Splicing Event within the Human Kallikrein Gene Family. <i>Clinical Chemistry</i> , 2005, 51, 506-515.	1.5	56

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19	Ras pathway inhibition prevents neovascularization by repressing endothelial cell sprouting. <i>Journal of Clinical Investigation</i> , 2013, 123, 4900-4908.	3.9	53
20	A survey of alternative transcripts of human tissue kallikrein genes. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2005, 1755, 1-14.	3.3	42
21	VEGF-A from Granuloma Macrophages Regulates Granulomatous Inflammation by a Non-angiogenic Pathway during Mycobacterial Infection. <i>Cell Reports</i> , 2019, 27, 2119-2131.e6.	2.9	37
22	A set of microRNAs coordinately controls tumorigenesis, invasion, and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24184-24195.	3.3	36
23	In silico Analysis of the <i>Human Kallikrein Gene 6</i> . <i>Tumor Biology</i> , 2004, 25, 282-289.	0.8	35
24	Functional malignant cell heterogeneity in pancreatic neuroendocrine tumors revealed by targeting of PDGF-DD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E864-73.	3.3	33
25	Identification of New Splice Variants and Differential Expression of the Human Kallikrein 10 Gene, a Candidate Cancer Biomarker. <i>Tumor Biology</i> , 2005, 26, 227-235.	0.8	32
26	Proteolytic processing of human growth hormone by multiple tissue kallikreins and regulation by the serine protease inhibitor Kazal-Type5 (SPINK5) protein. <i>Clinica Chimica Acta</i> , 2007, 377, 228-236.	0.5	31
27	Modeling correction of severe urea cycle defects in the growing murine liver using a hybrid recombinant adeno-associated virus/piggyBac transposase gene delivery system. <i>Hepatology</i> , 2015, 62, 417-428.	3.6	30
28	ALK7 Signaling Manifests a Homeostatic Tissue Barrier That Is Abrogated during Tumorigenesis and Metastasis. <i>Developmental Cell</i> , 2019, 49, 409-424.e6.	3.1	30
29	Human kallikrein 4: enzymatic activity, inhibition, and degradation of extracellular matrix proteins. <i>Biological Chemistry</i> , 2006, 387, 749-759.	1.2	29
30	Aberrant Accumulation of the Diabetes Autoantigen GAD65 in Golgi Membranes in Conditions of ER Stress and Autoimmunity. <i>Diabetes</i> , 2016, 65, 2686-2699.	0.3	28
31	Angiotensin-1 deficiency increases tumor metastasis in mice. <i>BMC Cancer</i> , 2017, 17, 539.	1.1	26
32	Kallikreins as Markers of Disseminated Tumour Cells in Ovarian Cancer – A Pilot Study. <i>Tumor Biology</i> , 2006, 27, 104-114.	0.8	25
33	Cancer Cells Retrace a Stepwise Differentiation Program during Malignant Progression. <i>Cancer Discovery</i> , 2021, 11, 2638-2657.	7.7	25
34	Differential Expression of a Human Kallikrein 5 (<i>KLK5</i>) Splice Variant in Ovarian and Prostate Cancer. <i>Tumor Biology</i> , 2004, 25, 149-156.	0.8	23
35	Multifaceted role of vascular endothelial growth factor signaling in adult tissue physiology: an emerging concept with clinical implications. <i>Current Opinion in Hematology</i> , 2010, 17, 1.	1.2	22
36	Cloning of a kallikrein pseudogene. <i>Clinical Biochemistry</i> , 2004, 37, 961-967.	0.8	19

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37	Local acting S tickyâ€trap inhibits vascular endothelial growth factor dependent pathological angiogenesis in the eye. EMBO Molecular Medicine, 2014, 6, 604-623.	3.3	16
38	The Kallikrein Gene 5 Splice Variant 2 Is a New Biomarker for Breast and Ovarian Cancer. Tumor Biology, 2004, 25, 221-227.	0.8	15
39	Human embryonic fibroblasts support single cell enzymatic expansion of human embryonic stem cells in xeno-free cultures. Stem Cell Research, 2011, 6, 70-82.	0.3	15
40	Molecular Cloning of a New Gene Which Is Differentially Expressed in Breast and Prostate Cancers. Tumor Biology, 2004, 25, 122-133.	0.8	11
41	A miR-375/YAP axis regulates neuroendocrine differentiation and tumorigenesis in lung carcinoid cells. Scientific Reports, 2021, 11, 10455.	1.6	7
42	Highly efficient site-specific transgenesis in cancer cell lines. Molecular Cancer, 2012, 11, 89.	7.9	5
43	Deficiency of the serine peptidase Kallikrein 6 does not affect the levels and the pathological accumulation of aâ€synuclein in mouse brain. Journal of Neurochemistry, 2020, 157, 2024-2038.	2.1	5
44	Inducible Protein Production in 293 Cells Using the piggyBac Transposon System. Methods in Molecular Biology, 2018, 1850, 57-68.	0.4	3
45	700. Stable Correction of Severe Metabolic Liver Disease Phenotypes in the Growing Murine Liver Using a Hybrid rAAV/piggyBac Transposon Gene Delivery System. Molecular Therapy, 2015, 23, S279.	3.7	0
46	Abstract 1387: Development of novel antiangiogenic biologics: multifunctional VEGF traps. , 2010, , .		0
47	Abstract 1907: Multi-step microRNA control of pancreatic neuroendocrine tumors metastatic cascade. , 2016, , .		0